



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Edward J. Kroliczek et al.      Art Unit : 3743  
Serial No. : 10/676,265      Examiner : Unknown  
Filed : October 2, 2003  
Title : EVAPORATOR FOR A HEAT TRANSFER SYSTEM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed before the receipt of a first Office action on the merits.  
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: May 17, 2004

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| Substitute Form PTO-1449<br>(Modified)   |  | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>13442-009001 | Application No.<br>10/676,265 |
| <b>Information Disclosure Statement</b><br><b>MAY 17 2004</b><br><b>by Applicant</b><br><small>(Use several sheets if necessary)</small> |  | <b>Applicant</b><br><b>Edward J. Krolczek et al.</b>       |                                       |                               |
|  |  | Filing Date<br>October 2, 2003                             | Group Art Unit<br>3743                |                               |

*(7 CFR §1.8(b))*

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee        | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
|                  | AA        | 6,382,309 B1    | 05-07-2002       | Krolczek et al. |       |          |                            |
|                  | AB        | 2002/0007937 A1 | 01-24-2002       | Krolczek et al. |       |          |                            |
|                  | AC        |                 |                  |                 |       |          |                            |
|                  | AD        |                 |                  |                 |       |          |                            |
|                  | AE        |                 |                  |                 |       |          |                            |
|                  | AF        |                 |                  |                 |       |          |                            |
|                  | AG        |                 |                  |                 |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Abstract |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|----------|----|
|                  |           |                 |                  |                          |       |          | Yes      | No |
|                  | AH        | 1 467 354       | 01-22-1987       | SOVIET UNION             |       |          | X        |    |
|                  | AI        | 2 098 733       | 03-07-1995       | RUSSIA                   |       |          | X        |    |
|                  | AJ        | 0 210 337       | 02-04-1987       | EUROPE                   |       |          | X        |    |
|                  | AK        | 02/10661 A1     | 02-07-2003       | WIPO                     |       |          |          |    |
|                  | AL        |                 |                  |                          |       |          |          |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document   |
|------------------|-----------|--|
|                  | AM        | Jentung Ku, Operational Characteristics of Loop Heat Pipes, NASA Goddard Space Flight Center; SAE Paper 99-01-2007, 29 International Conference on Environmental Systems, Denver, Colorado, July 12-15, 1999; Society of Automotive Engineers, Inc.  |
|                  | AN        | A methodology for enveloping reliable start-up of LHPs, AIAA Paper 2000-2285 (AIAA Accession number 33681) Jane Baumann, Brent Cullimore (Cullimore and Ring Technologies, Littleton, CO), Jay Ambrose, Eva Buchan, and Boris Yendler (Lockheed Martin Corp., Sunnyvale, CA), AIAA Thermophysics Conference, 34th, Denver, CO, June 19-22, 2000. |
|                  | AO        |  |
|                  | AP        |  |

|  |                 |
|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |